

DSR 6

ChemRisk/Shonka Research Associates, Inc., Document Request Form

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J. Lamb / 1034A  
Requestor Document Center (is requested to provide the following document)

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This document contains 1 pages,  
No. 3 of 3 pages. Pages a

**INTER-COMPANY CORRESPONDENCE**

989-8  
76016

(INSERT NAME) COMPANY CARBIDE AND CARBON CHEMICALS CORP. LOCATION Post Office Box P OAK RIDGE, TENN.

TO Mr. J. C. Barton  
LOCATION K-1004-D, Rm. 20

DATE July 21, 1948

ATTENTION  
COPY TO Dr. F. W. Hurd  
File ✓

ANSWERING LETTER DATE

SUBJECT Waste Before Neutralization

KL1-6

Waste before neutralization with caustic and sodium carbonate has the following composition:

UNH	21.5%
HNO <sub>3</sub>	0.9%
H <sub>2</sub> SO <sub>4</sub>	3.6%
H <sub>3</sub> PO <sub>4</sub>	5.7%
NaNO <sub>3</sub>	0.7%
H <sub>2</sub> O	67.6%

PLANT RECORDS DEPT.  
CENTRAL FILES  
REF 1350190  
FILE  
X-REF  
X-REF

It has been suggested that precipitation of the uranium as a phosphate and storage separately from the bulk of the solution would greatly simplify the problem of metal recovery. Please initiate experiments to devise a feasible method, which may be proposed as a means of handling current wastes.

In order that a worthwhile proposal may be submitted, it is necessary that quantities of reagents, temperatures, and volumes be specified, but it is not necessary to attempt to determine the optimum value of these or other variables.

*D. M. Lang*  
D. M. Lang

DML:mir

Classification changed to: **UNCLASSIFIED**  
(Level and category)  
*J. S. McBaugh* 10/4/94  
Date  
ADD signature (initial reviewer) Date  
*John H. [unclear]* 8 Nov 94  
Date  
ADD signature (initial reviewer) Date

**K25RC**

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This document has been approved for release to the public by:

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Carbide and Carbon Chemicals Corporation Operating Contractor for the U.S. Atomic Energy Commission.

Technical Information Officer  
Oak Ridge K-25 Site

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